



Town of Salem, New Hampshire

Community Development Department

Health Division

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WELL TEST REQUIREMENTS

EFFECTIVE FEBRUARY 7, 2000

Pursuant to the Board of Selectmen adoption of revisions to Salem Chapter 253- Salem Disposal Systems and Wells, the following well test results and requirements shall be met prior to the issuance of a Certificate of Occupancy on any building serviced by a well in the town of Salem:

Salem Chapter 253-Salem Disposal Systems and Wells
§253-10 D

10 D. Wells -

1. A permit must be obtained before any drinking well is installed, and must be accompanied by a scaled diagram of the location. Diagram must show existing or proposed subsurface disposal system on that and adjacent lots. The applicable fee as established by the Board of Selectmen shall accompany the application. The plan shall be submitted with the site address, map and lot number.
2. In all new construction, prior to issuance of a Certificate of Occupancy and in all well replacements, a State of NH certified testing lab shall do a well water analysis of the following parameters:
 - a. Bacteria
 - b. Chloride
 - c. Sodium
 - d. Iron
 - e. Manganese
 - f. pH
 - g. Hardness
 - h. Fluoride
 - i. Nitrate/Nitrite
 - j. Lead
 - k. Arsenic
 - l. Volatile Organic Compound Screen (VOC)

(1) If the VOC Screen is positive, further testing shall be done to determine the type of contaminant and concentration.

3. All test results shall be submitted to the Engineering Division and shall meet EPA Maximum Contaminant Level (MCL) Standards prior to the issuance of a Certificate of Occupancy.

For your information:

VOC Testing

The NH Department of Environmental Services, Water Resource Management Lab at 6 Hazen Drive in Concord, provides a water analysis test called:

EPA METHOD # 524.2

This test is \$100 and requires a special sampling bottle obtainable from the lab. They can be contacted at 271-3445.

The test provides the lowest detection levels for 60 some odd organic compounds and meets the intent of the requirements. The test quantitates the amount of any volatile organic compound tested, therefore eliminating the need for further, and more expensive quantitative testing.

Please call the lab directly for more information.
Well testing may also be done at any NH Certified Well Testing Lab.

WELL INSTALLERS AND BUILDERS PLEASE NOTE:

**IT TAKES APPROXIMATELY TWO (2) WEEKS TO GET
VOC TEST RESULTS. PLEASE PLAN ACCORDINGLY
AS VOC WELL TEST RESULTS ARE REQUIRED
PRIOR TO ISSUING THE CERTIFICATE OF
OCCUPANCY.**